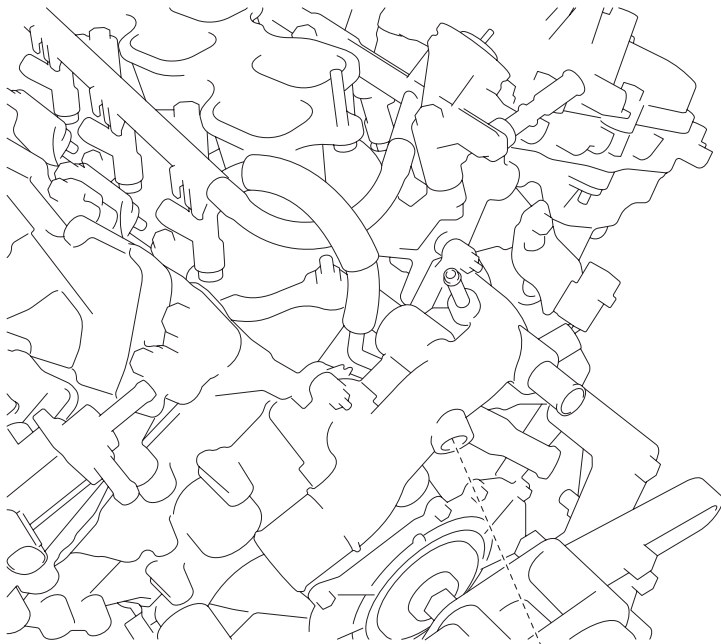


ENGINE COOLANT TEMPERATURE SENSOR

COMPONENTS



● GASKET



19.6 (200, 14)

ENGINE COOLANT TEMPERATURE SENSOR



ENGINE COOLANT TEMPERATURE SENSOR CONNECTOR

N*m (kgf*cm, ft.*lbf) : Specified torque

● Non-reusable part

REMOVAL

1. DRAIN ENGINE COOLANT (See page [CO-8](#))
2. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

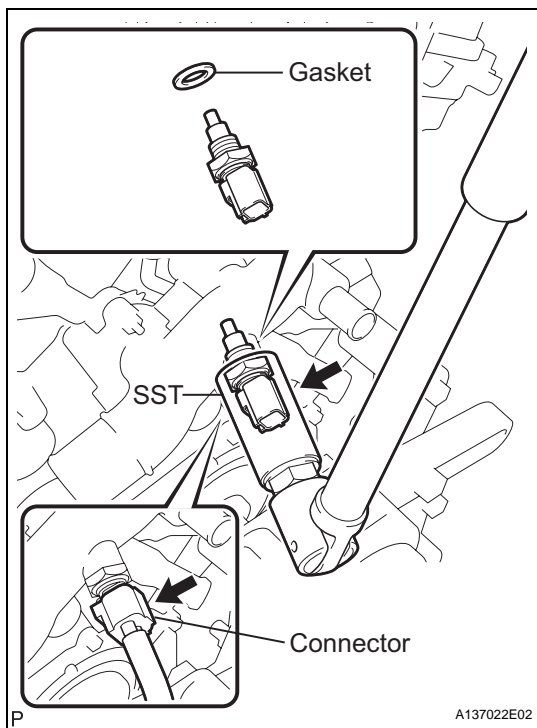
CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

3. REMOVE ENGINE COOLANT TEMPERATURE SENSOR

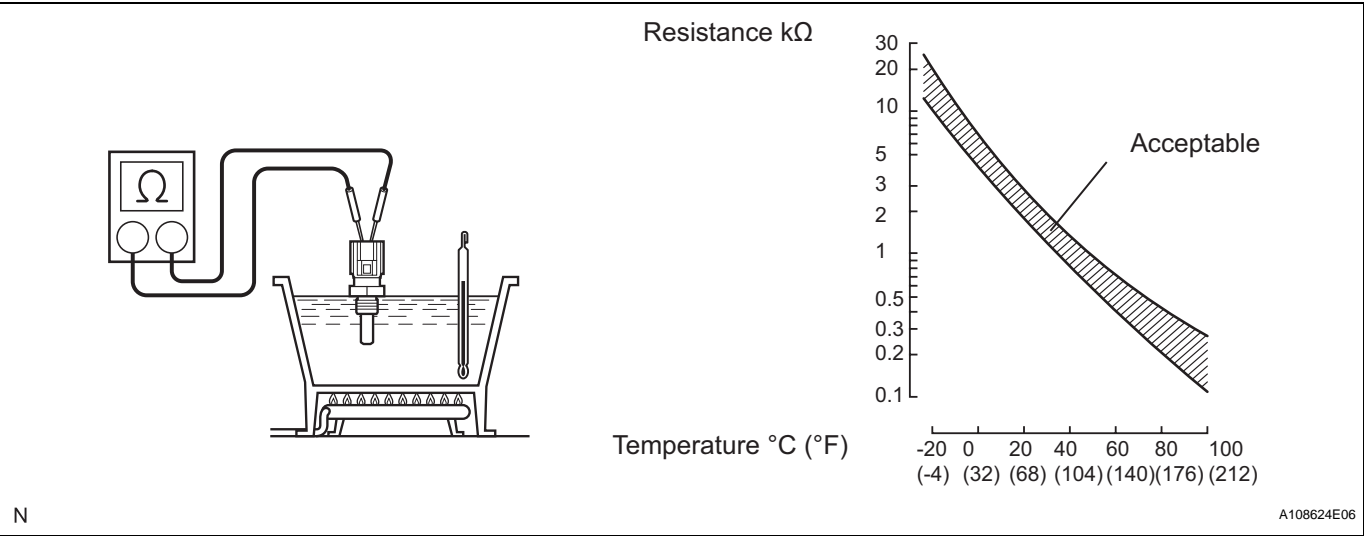
- (a) Disconnect the sensor connector.
- (b) Using SST, remove the sensor and gasket.

SST 09817-33190



INSPECTION

1. INSPECT ENGINE COOLANT TEMPERATURE SENSOR
- (a) Measure the resistance of the sensor.



Standard resistance

Tester Connection	Condition	Specified Condition
1 (E2) - 2 (THW)	20 $^{\circ}C$ (68 $^{\circ}F$)	2.32 to 2.59 $k\Omega$
1 (E2) - 2 (THW)	80 $^{\circ}C$ (176 $^{\circ}F$)	0.310 to 0.326 $k\Omega$

NOTICE:
If checking the sensor in water, be careful not to allow water to contact the terminals. After checking, wipe the water off the sensor.
If the result is not as specified, replace the sensor.

INSTALLATION

1. INSTALL ENGINE COOLANT TEMPERATURE SENSOR
- (a) Install a new gasket onto the sensor.
- (b) Using SST, install the sensor.
- SST 09817-33190**
- Torque: 19.6 N*m (200 kgf*cm, 14 ft.*lbf)**
- (c) Connect the sensor connector.
2. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL
3. ADD ENGINE COOLANT (See page [CO-8](#))
4. CHECK FOR COOLANT LEAKS (See page [CO-1](#))

